

1. (currently amended) In a telecommunications system providing communication channels for the transmission of packets of audio data between system stations, a system for minimizing the effect of required generated background noise on the transmission channel utilization comprising:

means for forming a transmission stream of sequential digital audio data packets;

means for associating with each audio packet, a data code representation of [[the]] an Additive Gaussian White Noise (AGWN) payload data packet enabling the generation of said background noise;

means at said system receiving station, responsive to each of said data representations for forming the represented Additive Gaussian White Noise (AGWN) payload data packet enabling said generation of background noise;

means at said receiving station for interspersing said formed Additive Gaussian White Noise (AGWN) payload packets enabling background noise generation between said associated audio data packets; and

background noise generating means , at said receiving station, responsive to said enabling AGWN payload packets for generating said background noise between said audio data packets.

2. The telecommunication system of claim 1 wherein said audio data packets are voice data packets.

3-4. (cancelled).

5. The telecommunication system of claim [[4]] 2 wherein said data code representation includes data representing the duration and amplitude of said AGWN packet.

6. (cancelled).

7. In a telecommunications system providing communication channels for the transmission of packets of audio data between system stations, a method for minimizing the effect of required generated background noise on the transmission channel utilization comprising:

forming a transmission stream of sequential digital audio data packets;

associating with each audio packet, a data code representation of ~~[[the]]~~ an Additive Gaussian White Noise (AGWN) payload data packet enabling the generation of said background noise;

forming the represented Additive Gaussian White Noise (AGWN) payload data packet enabling said generation of background noise responsive to the receipt of each of said data representations at a system receiving station;

interspersing said formed Additive Gaussian White Noise (AGWN) payload packets enabling background noise generation between said associated audio data packets at said receiving station; and

generating said background noise between said audio data packets, at said receiving station, responsive to said enabling AGWN payload packets.

8. The telecommunication method of claim 7 wherein said audio data packets are voice data packets.

9-10. (cancelled).

11. The telecommunication method of claim ~~[[10]]~~ 8 wherein said data code representation includes data representing the duration and amplitude of said AGWN packet.

12. (cancelled).

13-18. (cancelled).

19. The telecommunications system of claim [[4]] 1 wherein:
said system is an Internet Protocol (IP)
telecommunications system; and

further including means for interspersing Internet page
packets into said transmitted stream whereby said Internet
page packets are sequenced in the spaces between voice
packets conventionally occupied by AGWN packets.

20. The telecommunications method of claim [[10]] 2
wherein:

said system is an Internet Protocol (IP)
telecommunications system; and

further including the step of interspersing Internet
page packets into said transmitted stream whereby said
Internet page packets are sequenced in the spaces between
voice packets conventionally occupied by AGWN packets.

21. (cancelled).

22. (new) A computer readable medium having stored thereon, a computer program for minimizing the effect of required generated background noise on transmission channel utilization in a telecommunication system providing communications channels for the transmission of packets of audio data between system stations, wherein the computer program when executed on a computer causes the computer to:

form a transmission stream of sequential digital audio data packets;

associate with each audio packet, a data code representation of an Additive Gaussian White Noise (AGWN) payload data packet enabling the generation of said background noise;

form the represented Additive Gaussian White Noise (AGWN) payload data packet enabling said generation of background noise responsive to the receipt of each of said data representations at a system receiving station;

intersperse said formed Additive Gaussian White Noise (AGWN) payload packets enabling background noise generation between said associated audio data packets at said receiving station; and

generate said background noise between said audio data packets, at said receiving station, responsive to said enabling AGWN payload packets.

23. (new) The computer readable medium of claim 22, wherein said audio data packets are voice data packets.

24. (new) The computer readable medium of claim 23, wherein said data code representation includes data representing the duration and amplitude of said AGWN packet.

25. (new) The computer readable medium of claim 22, wherein:
said system is an Internet Protocol (IP)
telecommunications system; and
said computer program when executed on a computer
further intersperses Internet page packets into said
transmitted stream whereby said Internet page packets are
sequenced in the spaces between voice packets conventionally
occupied by AGWN packets.